

Soil Description Montgomery County, Maryland

Map Unit: 1C--Gaila silt loam, 8 to 15 percent slopes

Description Category: 1C--Gaila Silt Loam, 8 To 15 Percent Slopes
Gaila component makes up 95 percent of the map unit. Farmland of statewide importance. The assigned Kw erodibility factor is .37. This soil is well drained. The slowest permeability within 60 inches is moderate. Available water capacity is very high and shrink swell potential is low. This soil is not flooded and is not ponded. The water table is deeper than 6 feet. There are no saline horizons. It is in nonirrigated land capability class 3e. This component is not a hydric soil.

Map Unit: 2B--Glenelg silt loam, 3 to 8 percent slopes

Description Category: 2B--Glenelg Silt Loam, 3 To 8 Percent Slopes
Glenelg component makes up 95 percent of the map unit. All areas are prime farmland. The assigned Kw erodibility factor is .32. This soil is well drained. The slowest permeability within 60 inches is moderate. Available water capacity is very high and shrink swell potential is low. This soil is not flooded and is not ponded. The water table is deeper than 6 feet. There are no saline horizons. It is in nonirrigated land capability class 2e. This component is not a hydric soil.

1.800

escription Category: 6A--Baile Silt Loam, 0 To 3 Percent Slopes alle component makes up 100 percent of the map unit. The assigned Kw erodibility factor is .43. This soil is poorly rained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell stential is low. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 3 inches. Here are no saline horizons. It is in nonirrigated land capability class 5w. This component is a hydric soil.

escription Category: 54A--Hatboro silt loam, 0 to 3 percent slopes, frequently flooded
escription Category: 54A--Hatboro Silt Loam, 0 To 3 Percent Slopes, Frequently Flooded Hatboro component akes up 100 percent of the map unit. The assigned Kw erodibility factor is .49. This soil is poorly drained. The swest permeability within 60 inches is moderate. Available water pacity is very high and shrink swell potential is low. This soil is frequently flooded and is not ponded. The top of the assonal high water table is at 3 inches. There are no saline horizons. It is in nonirrigated land capability class 3w. his component is a hydric soil.

escription Category: 66UB--Wheaton-Urban Land Complex, 0 To 8 Percent Slopes heaton component makes up 50 percent of the map unit. The assigned Kw erodibility factor is .49. This soil is well ained. The slowest permeability within 60 inches is moderate. Available water capacity is very high and shrink swel stential is low. This soil is not flooded and is not ponded. The water table is deeper than 6 feet. There are no saline srizons. It is in nonirrigated land capability class 2e. This component is not a hydric soil.

Urban Land component makes up 30 percent of the map unit. The assigned Kw erodibility factor is Available water capacity is very low and shrink swell potential is low. This soil is not flooded and is not ponded. The water table is deeper than 6 feet. This component is not a hydric soil.

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Notes:

1. The study area consists of 3 separate outfalls. Outfall #1 is located at Princeton Place. The study area for this site is 1.64 Acres. Outfall #2 is located at Azalea Drive. The study area for this site is 1.12 Acres. Outfall #3 is located at Aster Boulevard. The study area for this site is 1.06 Acres. The combined study area for all three sites is 3.82 acres. The study areas are within the Upper Watts Branch Forest Preserve; property of the Mayor and Council of Rockville, Liber 3302, Folio 631. Zoning is R-90.

2. Wetlands are recorded within the limits of study for Azalea Drive and Aster Boulevard per the National Wetland Inventory (NWI). Field observations concur with the National Wetland Inventory findings.

3. A letter dated April 15th 2013 was mailed to The Maryland Department of Natural Resources requesting information on any existing State or Federal records for rare/threatened and endangered species within the project site. A response is pending.

4. Information on cultural and/or historic resources is pending.

5. The limits of study is located within the Watt's Branch Watershed, Montgomery County, Maryland, Class LP

ield work for this inventory was conducted on April, 16th and 17th 2013 by John McCarthy & Hoang Ta f CPJ.

he 100YR FEMA floodplain shown in this plan drawing is taken from FEMA's Montgomery County, IRM MAP, Community Panel number 24031C-0331D.

he 2 Foot topography shown on this plan is from a CPJ field survey dated April 2013 and from City of ockville GIS.

he source of the property boundaries on this plan is from a CPJ field survey dated April 2013 and from ity of Rockville GIS.

ree location information dated April 2013 recorded by CPJ field survey crew.

on native and invasive plant species were observed at all three study areas. Concentrations were cated at the edge of forest and where there were openings in the forest canopy.

LOD

SHEET INDEX

1 Title Sheet
2 Princeton Place Plan
3 Azalea Drive Plan

06/10/13 Date

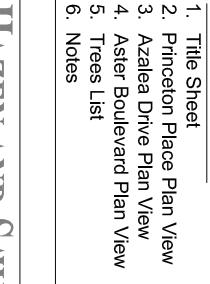
James M. Fetchu, RLA Registered Landscape Architect MD #3241

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I hereby certify that this plan is prepared in according the City of Rockville Forest Conservation Regul

LANDSCAPE ARCHITECT CERTIFICATE:

HAZEN SAWYER



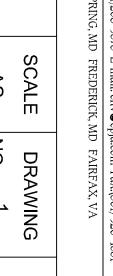


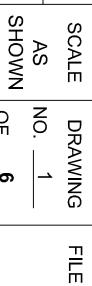






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